

**NOTE:**

1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.



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### CHILLER SCHEDULE – AIR COOLED

TAG	NOM TON	GPM	% PROP GLYCOL	EWT °F	LWT °F	WPD FT-WC	FOUL FACTOR	ELECTRICAL DATA		MCA	MOP	EER	IPLV	TYP. UNIT MANUF. & MODEL NO.	NOTES:
								KW	VOLTS/Ø						
CH-1	60	103.4	30	56	42	5.6	0.0001	62.9	480/3	133	175	9.5	13.7	SMART A0280-1C-2F	①
CH-2	60	103.4	30	56	42	5.6	0.0001	62.9	480/3	98	110	-	14.5	SMART A0280-1C-2F	①
CH-3	15	34	30	57	42	8.0	0.0001	10.4	480/3	32.7	45	9.4	-	TRANE CGA180	

NOTES: ① PROVIDE LOW AMBIENT CONTROL FOR OPERATION TO 0°F.

### UNIT HEATER SCHEDULE

TAG	LOCATION	TYPE	CFM	HP	MBH	GPM	ΔP	EAT/LAT°F	WATER ΔT	VOLT/Ø	TYPICAL UNIT MFG & MODEL NO.	NOTES:
UH-1	SHIPPING/RECEIVING	HORIZONTAL	590	1/20	8.7	0.75	0.2	60	60	120/1	TRANE 42-S	①
UH-2	MECHANICAL 169	HORIZONTAL	545	1/20	8.9	0.75	0.2	60	60	120/1	TRANE 38-S	①
UH-3	SALLYPORT 145	VERTICAL	990	1/20	16.3	1.0	0.1	60	60	120/1	TRANE 64-P	①
CUH-1	VESTIBULE 150	INVERTED VERTICAL	220	60W	9.4	0.5	1.6	60/99	37.5	120/1	TRANE FFMB02	①
CUH-2	VESTIBULE 165	INVERTED VERTICAL	220	60W	9.4	0.5	1.6	60/99	37.5	120/1	TRANE FFMB02	①
CUH-3	VESTIBULE 211	HORIZONTAL CONCEALED	250	60W	9.4	0.5	1.6	60/99	37.5	120/1	TRANE FFCB02	①

NOTES: ① BASED ON 140°F EWT

### HUMIDIFIER SCHEDULE

TAG	SERVICE	AIRFLOW CFM		EAT (°F/%RH)	GAS INPUT (MBH)	CAPACITY PPH	MAX. ABSORPTION DIST. (IN.)	VOLT/Ø	FLA (AMPS)	WEIGHT (LBS)	TYPICAL UNIT MFR & MODEL NO.	NOTES:
		MAX.	MIN.									
H-1	RTU-1	9080	4240	55/39	200	80.9	19"	120/1	16.8	600	DRI-STEEM GTS-200	①②③④
H-2	RTU-2	7020	5220	55/37	200	89.3	14"	120/1	16.8	600	DRI-STEEM GTS-200	①②③④
H-3	RTU-3	12165	6035	55/37	200	75.6	16"	120/1	16.8	600	DRI-STEEM GTS-200	①②③④

NOTES: ① PROVIDE 14" ROOF CURB AND WEATHER PROOF ENCLOSURE WITH INTERNAL HEATERS.  
 ② PROVIDE DUCT MOUNTED HIGH LIMIT HUMIDISTAT, LOCATE DOWNSTREAM OF HUMIDIFIER.  
 ③ PROVIDE DRAIN QUENCHING ASSEMBLY, SUPPLIED BY HUMIDIFIER MANUFACTURER TO LIMIT WASTE TEMPERATURE TO 140°F.  
 ④ W/ ULTRA-SORB DISPERSION TUBE. MOUNT DISPERSION TUBE WITHIN AHU MODULE, UPSTREAM OF SUPPLY FAN.

### BOILER SCHEDULE – HOT WATER

TAG	FUEL	INPUT MBH	GAS CFH	OUTPUT MBH	VOLT/Ø	FLUE SIZE	OPERATING WT. LBS.	TYPICAL UNIT MFG AND MODEL NO.	NOTES:
B-1	NAT. GAS	1500	1500	1332	120/1	12"Ø	2200	CLEAVER BROOKS CLEARFIRE-1500	
B-2	NAT. GAS	1500	1500	1332	120/1	12"Ø	2200	CLEAVER BROOKS CLEARFIRE-1500	

NOTES: ①

### COMPUTER ROOM UNIT SCHEDULE

TAG	SERVICE	TYPE	COOLING MBH			MAX CFM	CHILLER WATER COIL						ESP IN. WC	REHEAT		HUMIDIFIER ①		ELECTRICAL DATA			WEIGHT LBS.	TYPICAL UNIT MFG & MODEL NO.	NOTES	
			TOTAL	SENS			GPM	WPD	EWT	LWT	EAT °F	LAT °F		ROWS	FACE AREA	MBH	KW	LB/HR	KW	FLA				VOLTS/Ø
AC-1	MID RANGE COMPUTER ROOM	UP FLOW	62.1	55.1	2500	17	15.7	42	57	72	55	3	12.2	0.5	-	15	10	3.2	22.0	460/3	1.5	550	DATA AIRE DALC-0634	
AC-2	MID RANGE COMPUTER ROOM	UP FLOW	62.1	55.1	2500	17	15.7	42	57	72	55	3	12.2	0.5	-	15	-	-	22.0	460/3	1.5	550	DATA AIRE DALC-0634	

NOTES: ① PROVIDE HUMIDIFIER IN AC-1 ONLY.

### MODULAR AIR HANDLING UNIT SCHEDULE (REFER TO SHEET M-504 FOR UNIT CONFIGURATION)

TAG	LOCATION	SERVES	AIRFLOW (CFM)	MIN. OA. (CFM)	MAX. OA. (CFM)	SUPPLY FAN					RETURN/EXHAUST FAN					HOT WATER COIL						CHILLED WATER COOLING COIL (30% PROPYLENE GLYCOL)						OPERATING WEIGHT (LBS.)	ELECTRICAL DATA		TRANE MODEL NO.	NOTES:							
						FAN TYPE	T.S.P. (IN. WG)	E.S.P. (IN. WG)	FAN DIA. (INCHES)	RPM	BHP HP	FAN TYPE	T.S.P. (IN. WG)	E.S.P. (IN. WG)	FAN DIA. (INCHES)	RPM	BHP HP	MBH	FACE AREA (SQ. FT.)	ROWS	EAT °F	LAT °F	APD (IN-W.C.)	GPM	WPD (FT-W.C.)	TOTAL MBH	SENS MBH		FACE AREA (SQ. FT.)	ROWS			EAT °F (DB/WB)	LAT °F (DB/WB)	APD (IN/WB)	GPM	WPD (FL-MC)	V/PH	VFD(S)
RTU-1	ROOF	SECOND FLOOR	9080	2890	9080	AF	3.7	1.6	22"	1422	8.0/10	AF	2.3	1.2	22"	1220	5.3/7.5	178.2	19.3	1	44.6	62.7	0.08	6.0	1.8	344.2	255.8	20.8	6	78.5	53	0.57	54	11.6	8300	480/3	YES	T-SERIES SIZE 21	①②③④
RTU-2	ROOF	FIRST FLOOR	7020	3200	7020	AF	3.4	1.5	20"	1530	5.7/7.5	AF	2.1	1.13	20"	1309	3.7/5	208.6	16.0	1	33.7	61.1	0.12	7.0	0.6	294.4	208.8	16.8	6	80	53	0.55	46	12.3	7570	480/3	YES	T-SERIES SIZE 17	①②③④
RTU-3	ROOF	THIRD FLOOR	12165	2695	12165	AF	3.4	1.5	25"	1252	10/15	AF	2.2	1.2	25"	1101	7.0/7.5	155.6	27.0	1	52.6	64.4	0.06	5.2	1.5	428.9	326.5	29	6	77.4	53	0.49	67	16.5	9330	480/3	YES	T-SERIES SIZE 30	①②③④

NOTES: ① HUMIDIFIER DISTRIBUTION BY HUMIDIFIER SUPPLIER. PROVIDE ACCESS MODULE WITH DRAIN PAN AND COORDINATE INSTALLATION. ② PROVIDE FACTORY MOUNTED VFD'S AND NON-FUSED DISCONNECT FOR SINGLE POINT POWER CONNECTION. ③ PROVIDE 24" PLENUM CURB. ④ PROVIDE INTEGRAL PIPE CHASES FOR HOT AND CHILLED WATER COILS AND HUMIDIFIER DRAIN.

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